

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

SQL> DECLARE

```
2  V_Empno          NUMBER(4) := &EnterEmpno;
3  V_EName          VARCHAR2(30);
4  V_Sal            NUMBER(7,2);
5  V_Comm           NUMBER(7,2);
6  BEGIN
7  SELECT
8  EName, Sal, Comm
9  INTO
10 V_EName, V_Sal, V_Comm
11 FROM EMP
12 WHERE Empno = V_Empno;
13 DBMS_OUTPUT.PUT_LINE('The Name : ' || INITCAP(V_EName));
14 DBMS_OUTPUT.PUT_LINE('The Salary : ' || TO_CHAR(V_Sal, '99,999.99'));
15 DBMS_OUTPUT.PUT_LINE('The Commission : ' || NVL(TO_CHAR(V_Comm), 'No
Commission'));
16 DBMS_OUTPUT.PUT_LINE('The Total Sal is : ' || TO_CHAR(V_Sal +
NVL(V_Comm, 0)));
17 END;
18 /
```

Enter value for enterempno: 7839

The Name : King

The Salary : 5,000.00

The Commission : No Commission

The Total Sal is : 5000

PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  INITCAP(EName) Ename,
3  TO_CHAR(Sal, '9G999D99') Sal,
4  NVL(TO_CHAR(Comm), 'No Commission') Comm,
5  Sal + NVL(Comm, 0) TotSal
6  FROM EMP
7* WHERE Empno = &V_Empno
```

SQL> /

Enter value for v_empno: 7839

ENAME	SAL	COMM	TOTSAL
King	5,000.00	No Commission	5000

SQL> cl scr

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```
SQL> DECLARE
  2  V_Empno          NUMBER(4)  :=      &EnterEmpNo;
  3  V_Ename          VARCHAR2(30);
  4  V_Deptno         NUMBER(2);
  5  V_Job            VARCHAR2(30);
  6  V_MGR            NUMBER(4);
  7  V_HireDate       DATE;
  8  V_Sal            NUMBER(7,2);
  9  V_Comm           NUMBER(7,2);
 10  BEGIN
 11  SELECT
 12  Ename, Deptno, Job, MGR, HireDate, Sal, Comm
 13  INTO
 14  V_Ename, V_Deptno, V_Job, V_MGR, V_HireDate, V_Sal, V_Comm
 15  FROM Emp
 16  WHERE Empno = V_Empno;
 17  DBMS_OUTPUT.PUT_LINE('The Details of Employee Number '||V_Empno||'
Requested by You Are ...');
 18  DBMS_OUTPUT.PUT_LINE('The Employee Name : '||V_Ename);
 19  DBMS_OUTPUT.PUT_LINE('The Department Number : '||V_Deptno);
 20  DBMS_OUTPUT.PUT_LINE('The Designation : '||V_Job);
 21  DBMS_OUTPUT.PUT_LINE('The Manager Number : '||V_MGR);
 22  DBMS_OUTPUT.PUT_LINE('The Joining Date : '||V_HireDate);
 23  DBMS_OUTPUT.PUT_LINE('The Basic Salary : '||V_Sal);
 24  DBMS_OUTPUT.PUT_LINE('The Commission Earned : '||V_Comm);
 25  END;
 26  /
```

Enter value for enterempno: 7654

The Details of Employee Number 7654 Requested by You Are ...

The Employee Name : MARTIN

The Department Number : 30

The Designation : SALESMAN

The Manager Number : 7698

The Joining Date : 28-SEP-81

The Basic Salary : 1250

The Commission Earned : 1400

PL/SQL procedure successfully completed.

```
SQL> /
```

Enter value for enterempno: 7839

The Details of Employee Number 7839 Requested by You Are ...

The Employee Name : KING

The Department Number : 10

The Designation : PRESIDENT

The Manager Number :

The Joining Date : 17-NOV-81

The Basic Salary : 5000

The Commission Earned :

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PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
1  DECLARE
2  V_Empno          NUMBER(4) := &EnterEmpNo;
3  V_Ename          VARCHAR2(30);
4  V_Deptno         NUMBER(2);
5  V_Job            VARCHAR2(30);
6  V_MGR            NUMBER(4);
7  V_HireDate       DATE;
8  V_Sal            NUMBER(7,2);
9  V_Comm           NUMBER(7,2);
10 BEGIN
11  SELECT
12  Ename, Deptno, Job, MGR, HireDate, Sal, Comm
13  INTO
14  V_Ename, V_Deptno, V_Job, V_MGR, V_HireDate, V_Sal, V_Comm
15  FROM Emp
16  WHERE Empno = V_Empno;
17  /*
18  DBMS_OUTPUT.PUT_LINE('The Details of Employee Number '||V_Empno||'
Requested by You Are ...');
19  DBMS_OUTPUT.PUT_LINE('The Employee Name : '||V_Ename);
20  DBMS_OUTPUT.PUT_LINE('The Department Number : '||V_Deptno);
21  DBMS_OUTPUT.PUT_LINE('The Designation : '||V_Job);
22  DBMS_OUTPUT.PUT_LINE('The Manager Number : '||V_MGR);
23  DBMS_OUTPUT.PUT_LINE('The Joining Date : '||V_HireDate);
24  DBMS_OUTPUT.PUT_LINE('The Basic Salary : '||V_Sal);
25  DBMS_OUTPUT.PUT_LINE('The Commission Earned : '||V_Comm);
26  */
27* END;
SQL> /
Enter value for enterempno: 7839
```

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
2  V_Empno          NUMBER(4) := &EnterEmpNo;
3  V_Ename          VARCHAR2(30);
4  V_Deptno         NUMBER(2);
5  V_Job            VARCHAR2(30);
6  V_MGR            NUMBER(4);
7  V_HireDate       DATE;
8  V_Sal            NUMBER(7,2);
```

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```
9  V_Comm      NUMBER(7,2);
10 V_MGRName    VARCHAR2(30);
11 BEGIN
12 SELECT
13  Ename, Deptno, Job, MGR, HireDate, Sal, Comm
14 INTO
15  V_Ename , V_Deptno, V_Job, V_MGR, V_HireDate, V_Sal, V_Comm
16 FROM Emp
17 WHERE Empno = V_Empno;
18 IF V_MGR IS NOT NULL THEN
19  SELECT Ename INTO V_MGRName
20  FROM Emp
21  WHERE Empno = V_MGR;
22 ELSE
23  SELECT Ename INTO V_MGRName
24  FROM Emp
25  WHERE MGR IS NULL;
26 END IF;
27 DBMS_OUTPUT.PUT_LINE('The Details of Employee Number '||V_Empno||'
Requested by You Are ...');
28 DBMS_OUTPUT.PUT_LINE('The Employee Name : '||INITCAP(V_Ename));
29 DBMS_OUTPUT.PUT_LINE('The Department Number : '||V_Deptno);
30 DBMS_OUTPUT.PUT_LINE('The Designation : '||INITCAP(V_Job));
31 DBMS_OUTPUT.PUT_LINE('The Manager Number :
'||NVL(TO_CHAR(V_MGR),'Cannot be Managed')||', and his Name is :
'||V_MGRName);
32 DBMS_OUTPUT.PUT_LINE('The Joining Date :
'||TO_CHAR(V_HireDate,'FMDD, Month Year'));
33 DBMS_OUTPUT.PUT_LINE('The Basic Salary : '||CONCAT('INR
',TO_CHAR(V_Sal,'99,999.99')));
34 DBMS_OUTPUT.PUT_LINE('The Commission Earned :
'||NVL(TO_CHAR(V_Comm),'No Commission...Sorry!'));
35 END;
36 /
Enter value for enterempno: 7654
The Details of Employee Number 7654 Requested by You Are ...
The Employee Name : Martin
The Department Number : 30
The Designation : Salesman
The Manager Number : 7698, and his Name is : BLAKE
The Joining Date : 28, September Nineteen Eighty-One
The Basic Salary : INR 1,250.00
The Commission Earned : 1400
```

PL/SQL procedure successfully completed.

SQL> /

```
Enter value for enterempno: 7839
The Details of Employee Number 7839 Requested by You Are ...
```

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The Employee Name : King
The Department Number : 10
The Designation : President
The Manager Number : "Cannot be Managed", and his Name is : KING
The Joining Date : 17, November Nineteen Eighty-One
The Basic Salary : INR 5,000.00
The Commission Earned : No Commission...Sorry!

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
  2  V_Empno      Emp.Empno%TYPE := &EnterEmpno;
  3  V_EName      Emp.EName%TYPE;
  4  V_Job        Emp.Job%TYPE;
  5  V_Sal        Emp.Sal%TYPE;
  6  BEGIN
  7  SELECT
  8  Ename, Job, Sal
  9  INTO
 10  V_Ename, V_Job, V_Sal
 11  FROM EMP
 12  WHERE Empno = V_Empno;
 13  DBMS_OUTPUT.PUT_LINE('The Name : '||V_Ename);
 14  DBMS_OUTPUT.PUT_LINE('The Job : '||V_Job);
 15  DBMS_OUTPUT.PUT_LINE('The Sal : '||V_Sal);
 16  END;
 17  /
```

Enter value for enterempno: 7654
The Name : MARTIN
The Job : SALESMAN
The Sal: 1250

PL/SQL procedure successfully completed.

```
SQL> DECLARE
  2  V_Empno      Emp.Empno%TYPE := &EnterEmpNo;
  3  V_Ename      Emp.Ename%TYPE;
  4  V_Deptno     Emp.Deptno%TYPE;
  5  V_Job        Emp.Job%TYPE;
  6  V_MGR        Emp.MGR%TYPE;
  7  V_HireDate   Emp.HireDate%TYPE;
  8  V_Sal        Emp.Sal%TYPE;
  9  V_Comm       Emp.Comm%TYPE;
 10  V_MGRName    Emp.Ename%TYPE;
 11  BEGIN
 12  SELECT
 13  Ename, Deptno, Job, MGR, HireDate, Sal, Comm
```

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```
14 INTO
15 V_Ename , V_Deptno, V_Job, V_MGR, V_HireDate, V_Sal, V_Comm
16 FROM Emp
17 WHERE Empno = V_Empno;
18 IF V_MGR IS NOT NULL THEN
19 SELECT Ename INTO V_MGRName
20 FROM Emp
21 WHERE Empno = V_MGR;
22 ELSE
23 SELECT Ename INTO V_MGRName
24 FROM Emp
25 WHERE MGR IS NULL;
26 END IF;
27 DBMS_OUTPUT.PUT_LINE('The Details of Employee Number '||V_Empno||'
Requested by You Are ...');
28 DBMS_OUTPUT.PUT_LINE('The Employee Name : '||INITCAP(V_Ename));
29 DBMS_OUTPUT.PUT_LINE('The Department Number : '||V_Deptno);
30 DBMS_OUTPUT.PUT_LINE('The Designation : '||INITCAP(V_Job));
31 DBMS_OUTPUT.PUT_LINE('The Manager Number :
'||NVL(TO_CHAR(V_MGR),'Cannot be Managed')||', and his Name is :
'||V_MGRName);
32 DBMS_OUTPUT.PUT_LINE('The Joining Date :
'||TO_CHAR(V_HireDate,'FMDD, Month Year'));
33 DBMS_OUTPUT.PUT_LINE('The Basic Salary : '||CONCAT('INR
',TO_CHAR(V_Sal,'99,999.99')));
34 DBMS_OUTPUT.PUT_LINE('The Commission Earned :
'||NVL(TO_CHAR(V_Comm),'No Commission...Sorry!'));
35 END;
36 //
37 .
SQL> ED
Wrote file afiedt.buf
```

```
1 DECLARE
2 V_Empno Emp.Empno%TYPE := &EnterEmpNo;
3 V_Ename Emp.Ename%TYPE;
4 V_Deptno Emp.Deptno%TYPE;
5 V_Job Emp.Job%TYPE;
6 V_MGR Emp.MGR%TYPE;
7 V_HireDate Emp.HireDate%TYPE;
8 V_Sal Emp.Sal%TYPE;
9 V_Comm Emp.Comm%TYPE;
10 V_MGRName Emp.Ename%TYPE;
11 BEGIN
12 SELECT
13 Ename, Deptno, Job, MGR, HireDate, Sal, Comm
14 INTO
15 V_Ename , V_Deptno, V_Job, V_MGR, V_HireDate, V_Sal, V_Comm
16 FROM Emp
```

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```
17 WHERE Empno = V_Empno;
18 IF V_MGR IS NOT NULL THEN
19 SELECT Ename INTO V_MGRName
20 FROM Emp
21 WHERE Empno = V_MGR;
22 ELSE
23 SELECT Ename INTO V_MGRName
24 FROM Emp
25 WHERE MGR IS NULL;
26 END IF;
27 DBMS_OUTPUT.PUT_LINE('The Details of Employee Number '||V_Empno||'
Requested by You Are ...');
28 DBMS_OUTPUT.PUT_LINE('The Employee Name : '||INITCAP(V_Ename));
29 DBMS_OUTPUT.PUT_LINE('The Department Number : '||V_Deptno);
30 DBMS_OUTPUT.PUT_LINE('The Designation : '||INITCAP(V_Job));
31 DBMS_OUTPUT.PUT_LINE('The Manager Number :
'||NVL(TO_CHAR(V_MGR),'Cannot be Managed')||' , and his Name is :
'||V_MGRName);
32 DBMS_OUTPUT.PUT_LINE('The Joining Date :
'||TO_CHAR(V_HireDate,'FMDD, Month Year'));
33 DBMS_OUTPUT.PUT_LINE('The Basic Salary : '||CONCAT('INR
',TO_CHAR(V_Sal,'99,999.99')));
34 DBMS_OUTPUT.PUT_LINE('The Commission Earned :
'||NVL(TO_CHAR(V_Comm),'No Commission...Sorry!'));
35* END;
SQL> /
Enter value for enterempno: 7654
The Details of Employee Number 7654 Requested by You Are ...
The Employee Name : Martin
The Department Number : 30
The Designation : Salesman
The Manager Number : 7698 , and his Name is : BLAKE
The Joining Date : 28- September Nineteen Eighty-One
The Basic Salary : INR 1,250.00
The Commission Earned : 1400
```

PL/SQL procedure successfully completed.

SQL> DESC Emp

Name	Null?	Type
EMPNO	NOT NULL	NUMBER(4)
ENAME		VARCHAR2(10)
JOB		VARCHAR2(9)
MGR		NUMBER(4)
HIREDATE		DATE
SAL		NUMBER(7,2)
COMM		NUMBER(7,2)

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DEPTNO

NOT NULL NUMBER(2)

```
SQL> DECLARE
  2  V_EmpRecord Emp%ROWTYPE;
  3  BEGIN
  4  SELECT * INTO V_EmpRecord
  5  FROM EMP
  6  WHERE Empno = &EnterEmpno;
  7  DBMS_OUTPUT.PUT_LINE('The Name : '|| V_EmpRecord.Ename);
  8  DBMS_OUTPUT.PUT_LINE('The Job : '|| V_EmpRecord.Job);
  9  DBMS_OUTPUT.PUT_LINE('The Salary : '||V_EmpRecord.Sal);
 10  DBMS_OUTPUT.PUT_LINE('The Commission : '|| V_EmpRecord.Comm);
 11  DBMS_OUTPUT.PUT_LINE('The Gross Salary : ' ||(V_EmpRecord.Sal +
NVL(V_EmpRecord.Comm, 0)));
 12  END;
 13  /
```

Enter value for enterempno: 7654

The Name : MARTIN

The Job : SALESMAN

The Salary : 1250

The Commission : 1400

The Gross Salary : 2650

PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
  1  DECLARE
  2  V_Empno Emp.Empno%TYPE := &EnterEmpno;
  3  V_EmpRecord Emp%ROWTYPE;
  4  BEGIN
  5  SELECT * INTO V_EmpRecord
  6  FROM EMP
  7  WHERE Empno = V_Empno;
  8  DBMS_OUTPUT.PUT_LINE('The Name : '|| V_EmpRecord.Ename);
  9  DBMS_OUTPUT.PUT_LINE('The Job : '|| V_EmpRecord.Job);
 10  DBMS_OUTPUT.PUT_LINE('The Salary : '||V_EmpRecord.Sal);
 11  DBMS_OUTPUT.PUT_LINE('The Commission : '|| V_EmpRecord.Comm);
 12  DBMS_OUTPUT.PUT_LINE('The Gross Salary : ' ||(V_EmpRecord.Sal +
NVL(V_EmpRecord.Comm, 0)));
 13* END;
```

SQL> /

Enter value for enterempno: 7654

The Name : MARTIN

The Job : SALESMAN

The Salary : 1250

The Commission : 1400

The Gross Salary : 2650

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PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

```
1  DECLARE
2  V_EmpRecord Emp%ROWTYPE;
3  V_Empno V_EmpRecord.Empno%TYPE := &EnterEmpno;
4  BEGIN
5  SELECT * INTO V_EmpRecord
6  FROM EMP
7  WHERE Empno = V_Empno;
8  DBMS_OUTPUT.PUT_LINE('The Name : '|| V_EmpRecord.Ename);
9  DBMS_OUTPUT.PUT_LINE('The Job : '|| V_EmpRecord.Job);
10 DBMS_OUTPUT.PUT_LINE('The Salary : '||V_EmpRecord.Sal);
11 DBMS_OUTPUT.PUT_LINE('The Commission : '|| V_EmpRecord.Comm);
12 DBMS_OUTPUT.PUT_LINE('The Gross Salary : '|| (V_EmpRecord.Sal +
NVL(V_EmpRecord.Comm, 0)));
13* END;
SQL> /
Enter value for enterempno: 7654
The Name : MARTIN
The Job : SALESMAN
The Salary : 1250
The Commission : 1400
The Gross Salary : 2650
```

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
2  V_Num1 NUMBER(2) := &GNum1;
3  BEGIN
4  DBMS_OUTPUT.PUT_LINE('The V_Num1 is : '||V_Num1);
5  DECLARE
6  V_Num2 NUMBER(2) := V_Num1;
7  V_Num3 NUMBER(2) := &GNum2;
8  Result NUMBER;
9  BEGIN
10 DBMS_OUTPUT.PUT_LINE('The V_Num3 is : '||V_Num3);
11 Result := V_Num2 + V_Num3;
12 DBMS_OUTPUT.PUT_LINE('The Result is : '||Result);
13 END;
14 END;
15 /
Enter value for gnum1: 25
Enter value for gnum2: 45
```

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```
The V_Num1 is : 25
The V_Num3 is : 45
The Result is : 70
```

PL/SQL procedure successfully completed.

```
SQL> /
Enter value for gnum1: 125
Enter value for gnum2: 45
DECLARE
*
ERROR at line 1:
ORA-06502: PL/SQL: numeric or value error: number precision too large
ORA-06512: at line 2
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DECLARE
2  V_Num1 NUMBER(3) := &GNum1;
3  BEGIN
4  DBMS_OUTPUT.PUT_LINE('The V_Num1 is : '||V_Num1);
5  DECLARE
6  V_Num2 NUMBER(2) := V_Num1;
7  V_Num3 NUMBER(2) := &GNum2;
8  Result NUMBER;
9  BEGIN
10 DBMS_OUTPUT.PUT_LINE('The V_Num3 is : '||V_Num3);
11 Result := V_Num2 + V_Num3;
12 DBMS_OUTPUT.PUT_LINE('The Result is : '||Result);
13 END;
14* END;
```

```
SQL> /
Enter value for gnum1: 125
Enter value for gnum2: 45
The V_Num1 is : 125
DECLARE
*
ERROR at line 1:
ORA-06502: PL/SQL: numeric or value error: number precision too large
ORA-06512: at line 6
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  DECLARE
2  V_Num1 NUMBER(3) := &GNum1;
```

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```
3 BEGIN
4 DBMS_OUTPUT.PUT_LINE('The V_Num1 is : '||V_Num1);
5 DECLARE
6 V_Num2 NUMBER(3) := V_Num1;
7 V_Num3 NUMBER(2) := &GNum2;
8 Result NUMBER;
9 BEGIN
10 DBMS_OUTPUT.PUT_LINE('The V_Num3 is : '||V_Num3);
11 Result := V_Num2 + V_Num3;
12 DBMS_OUTPUT.PUT_LINE('The Result is : '||Result);
13 END;
14* END;
SQL> /
Enter value for gnum1: 125
Enter value for gnum2: 45
The V_Num1 is : 125
The V_Num3 is : 45
The Result is : 170
```

PL/SQL procedure successfully completed.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 DECLARE
2 V_Num1 NUMBER(3) := &GNum1;
3 BEGIN
4 DBMS_OUTPUT.PUT_LINE('The V_Num1 is : '||V_Num1);
5 DECLARE
6 V_Num2 V_Num1%TYPE := V_Num1;
7 V_Num3 NUMBER(2) := &GNum2;
8 Result NUMBER;
9 BEGIN
10 DBMS_OUTPUT.PUT_LINE('The V_Num3 is : '||V_Num3);
11 Result := V_Num2 + V_Num3;
12 DBMS_OUTPUT.PUT_LINE('The Result is : '||Result);
13 END;
14* END;
SQL> /
Enter value for gnum1: 125
Enter value for gnum2: 45
The V_Num1 is : 125
The V_Num3 is : 45
The Result is : 170
```

PL/SQL procedure successfully completed.

```
SQL> ED
Wrote file afiedt.buf
```

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```
1  DECLARE
2  V_Num1 NUMBER(&GiveSize) := &GNum1;
3  BEGIN
4  DBMS_OUTPUT.PUT_LINE('The V_Num1 is : '||V_Num1);
5  DECLARE
6  V_Num2 V_Num1%TYPE := V_Num1;
7  V_Num3 NUMBER(2) := &GNum2;
8  Result NUMBER;
9  BEGIN
10 DBMS_OUTPUT.PUT_LINE('The V_Num3 is : '||V_Num3);
11 Result := V_Num2 + V_Num3;
12 DBMS_OUTPUT.PUT_LINE('The Result is : '||Result);
13 END;
14* END;
```

SQL> /

Enter value for givesize: 1
Enter value for gnum1: 5
Enter value for gnum2: 45
The V_Num1 is : 5
The V_Num3 is : 45
The Result is : 50

PL/SQL procedure successfully completed.

SQL> /

Enter value for givesize: 2
Enter value for gnum1: 35
Enter value for gnum2: 65
The V_Num1 is : 35
The V_Num3 is : 65
The Result is : 100

PL/SQL procedure successfully completed.

SQL> /

Enter value for givesize: 3
Enter value for gnum1: 175
Enter value for gnum2: 65
The V_Num1 is : 175
The V_Num3 is : 65
The Result is : 240

PL/SQL procedure successfully completed.

SQL> /

Enter value for givesize: 4
Enter value for gnum1: 3245
Enter value for gnum2: 45

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The V_Num1 is : 3245
The V_Num3 is : 45
The Result is : 3290

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
  2  EmpRecord Emp%ROWTYPE;
  3  V_EmpRecord EmpRecord%TYPE;
  4  BEGIN
  5  SELECT * INTO V_EmpRecord
  6  FROM EMP
  7  WHERE Empno = &EnterEmpno;
  8  DBMS_OUTPUT.PUT_LINE('The Name : '|| V_EmpRecord.Ename);
  9  DBMS_OUTPUT.PUT_LINE('The Job : '|| V_EmpRecord.Job);
 10  DBMS_OUTPUT.PUT_LINE('The Salary : '||V_EmpRecord.Sal);
 11  DBMS_OUTPUT.PUT_LINE('The Commission : '|| V_EmpRecord.Comm);
 12  DBMS_OUTPUT.PUT_LINE('The Gross Salary : '|| (V_EmpRecord.Sal +
  NVL(V_EmpRecord.Comm, 0)));
 13  END;
 14  /
```

Enter value for enterempno: 7654

The Name : MARTIN
The Job : SALESMAN
The Salary : 1250
The Commission : 1400
The Gross Salary : 2650

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
  2  V_Empno Emp.Empno%TYPE := &EnterEmpNo;
  3  V_EmpRecord Emp%ROWTYPE;
  4  V_MGRName Emp.Ename%TYPE;
  5  BEGIN
  6  SELECT
  7  Empno, Ename, Job, Sal, MGR
  8  INTO
  9  V_EmpRecord.Empno, V_EmpRecord.Ename, V_EmpRecord.Job,
 10  V_EmpRecord.Sal, V_EmpRecord.MGR
 11  FROM Emp
 12  WHERE Empno = V_Empno;
 13  IF V_EmpRecord.MGR IS NOT NULL THEN
 14  SELECT Ename INTO V_MGRName
 15  FROM Emp
```

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```
15 WHERE Empno = V_EmpRecord.MGR;
16 ELSE
17 SELECT Ename INTO V_MGRName
18 FROM Emp
19 WHERE MGR IS NULL;
20 END IF;
21 DBMS_OUTPUT.PUT_LINE('The Details of Employee Number
'||V_EmpRecord.Empno||' Requested by You Are ...');
22 DBMS_OUTPUT.PUT_LINE('The Employee Name :
'||INITCAP(V_EmpRecord.Ename));
23 DBMS_OUTPUT.PUT_LINE('The Manager Number :
'||NVL(TO_CHAR(V_EmpRecord.MGR),'Cannot be Managed')||', and his Name
is : '||V_MGRName);
24 DBMS_OUTPUT.PUT_LINE('The Designation :
'||INITCAP(V_EmpRecord.Job));
25 DBMS_OUTPUT.PUT_LINE('The Basic Salary : '||CONCAT('INR
',TO_CHAR(V_EmpRecord.Sal,'99,999.99')));
26 END;
27 /
```

Enter value for enterempno: 7654

The Details of Employee Number 7654 Requested by You Are ...

The Employee Name : Martin

The Manager Number : 7698 , and his Name is : BLAKE

The Designation : Salesman

The Basic Salary : INR 1,250.00

PL/SQL procedure successfully completed.

SQL> cl scr

```
SQL> DECLARE
2 V_Empno Emp.Empno%TYPE := &EnterEmpNo;
3 V_EmpRecord Emp%ROWTYPE;
4 V_DeptRecord Dept%ROWTYPE;
5 V_SalGradeRecord SalGrade%ROWTYPE;
6 V_MGRName Emp.Ename%TYPE;
7 BEGIN
8 SELECT * INTO V_EmpRecord
9 FROM Emp
10 WHERE Empno = V_Empno;
11 SELECT * INTO V_DeptRecord
12 FROM Dept
13 WHERE Deptno = V_EmpRecord.Deptno;
14 SELECT * INTO V_SalGradeRecord
15 FROM SalGrade
16 WHERE V_EmpRecord.Sal BETWEEN LoSal AND HiSal;
17 IF V_EmpRecord.MGR IS NOT NULL THEN
18 SELECT Ename INTO V_MGRName
19 FROM Emp
```

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```
20 WHERE Empno = V_EmpRecord.MGR;
21 ELSE
22 SELECT Ename INTO V_MGRName
23 FROM Emp
24 WHERE MGR IS NULL;
25 END IF;
26 DBMS_OUTPUT.PUT_LINE('The Details of Employee Number
'||V_EmpRecord.Empno||' Requested by You Are ...');
27 DBMS_OUTPUT.PUT_LINE('The Employee Name :
'||INITCAP(V_EmpRecord.Ename));
28 DBMS_OUTPUT.PUT_LINE('The Department Number :
'||V_EmpRecord.Deptno||', Department Name is
'||INITCAP(V_DeptRecord.Dname)||', and is Situated at
'||INITCAP(V_DeptRecord.Loc));
29 DBMS_OUTPUT.PUT_LINE('The Designation :
'||INITCAP(V_EmpRecord.Job));
30 DBMS_OUTPUT.PUT_LINE('The Manager Number :
'||NVL(TO_CHAR(V_EmpRecord.MGR),'Cannot be Managed')||', and his Name
is : '||V_MGRName);
31 DBMS_OUTPUT.PUT_LINE('The Joining Date :
'||TO_CHAR(V_EmpRecord.HireDate,'FMDD, Month Year')||' You Are Serving Us
Since : '||TRUNC((SYSDATE - V_EmpRecord.HireDate)/365)||' Years. ');
32 DBMS_OUTPUT.PUT_LINE('The Basic Salary : '||CONCAT('INR
',TO_CHAR(V_EmpRecord.Sal,'99,999.99'))||' and his Grade as Per Salary is
'||V_SalGradeRecord.Grade);
33 DBMS_OUTPUT.PUT_LINE('The Commission Earned : '||CONCAT('INR ',
NVL(TO_CHAR(V_EmpRecord.Comm,'99G999D99'),'No Commission...Sorry!'));
34 DBMS_OUTPUT.PUT_LINE('The Gross Salary Earned : '||CONCAT('INR ',
TO_CHAR((V_EmpRecord.Sal + NVL(V_EmpRecord.Comm,0)),'99G999D99'));
35 END;
36 /
```

Enter value for enterempno: 7654

The Details of Employee Number 7654 Requested by You Are ...

The Employee Name : Martin

The Department Number : 30, Department Name is Sales, and is Situated at Chicago

The Designation : Salesman

The Manager Number : 7698, and his Name is : BLAKE

The Joining Date : 28, September Nineteen Eighty-One You Are Serving Us Since :

32 Years.

The Basic Salary : INR 1,250.00 and his Grade as Per Salary is 2

The Commission Earned : INR 1,400.00

The Gross Salary Earned : INR 2,650.00

PL/SQL procedure successfully completed.

SQL> ED

Wrote file afiedt.buf

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```
1  DECLARE
2  V_EmpRecord Emp%ROWTYPE;
3  V_Empno V_EmpRecord.Empno%TYPE := &EnterEmpNo;
4  V_MGRName V_EmpRecord.Ename%TYPE;
5  V_DeptRecord Dept%ROWTYPE;
6  V_SalGradeRecord SalGrade%ROWTYPE;
7  BEGIN
8  SELECT * INTO V_EmpRecord
9  FROM Emp
10 WHERE Empno = V_Empno;
11 SELECT * INTO V_DeptRecord
12 FROM Dept
13 WHERE Deptno = V_EmpRecord.Deptno;
14 SELECT * INTO V_SalGradeRecord
15 FROM SalGrade
16 WHERE V_EmpRecord.Sal BETWEEN LoSal AND HiSal;
17 IF V_EmpRecord.MGR IS NOT NULL THEN
18 SELECT Ename INTO V_MGRName
19 FROM Emp
20 WHERE Empno = V_EmpRecord.MGR;
21 ELSE
22 SELECT Ename INTO V_MGRName
23 FROM Emp
24 WHERE MGR IS NULL;
25 END IF;
26 DBMS_OUTPUT.PUT_LINE('The Details of Employee Number
'||V_EmpRecord.Empno||' Requested by You Are ...');
27 DBMS_OUTPUT.PUT_LINE('The Employee Name :
'||INITCAP(V_EmpRecord.Ename));
28 DBMS_OUTPUT.PUT_LINE('The Department Number :
'||V_EmpRecord.Deptno||', Department Name is
'||INITCAP(V_DeptRecord.Dname)||', and is Situated at
'||INITCAP(V_DeptRecord.Loc));
29 DBMS_OUTPUT.PUT_LINE('The Designation :
'||INITCAP(V_EmpRecord.Job));
30 DBMS_OUTPUT.PUT_LINE('The Manager Number :
'||NVL(TO_CHAR(V_EmpRecord.MGR),'Cannot be Managed')||', and his Name
is : '||V_MGRName);
31 DBMS_OUTPUT.PUT_LINE('The Joining Date :
'||TO_CHAR(V_EmpRecord.HireDate,'FMDD, Month Year')||' You Are Serving Us
Since : '||TRUNC((SYSDATE - V_EmpRecord.HireDate)/365)||' Years. ');
32 DBMS_OUTPUT.PUT_LINE('The Basic Salary : '||CONCAT('INR
',TO_CHAR(V_EmpRecord.Sal,'99,999.99'))||' and his Grade as Per Salary is
'||V_SalGradeRecord.Grade);
33 DBMS_OUTPUT.PUT_LINE('The Commission Earned : '||CONCAT('INR ',
NVL(TO_CHAR(V_EmpRecord.Comm,'99G999D99'),'No Commission...Sorry!'));
34 DBMS_OUTPUT.PUT_LINE('The Gross Salary Earned : '||CONCAT('INR ',
TO_CHAR((V_EmpRecord.Sal + NVL(V_EmpRecord.Comm,0)),'99G999D99')));
```

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```
35* END;
SQL> /
Enter value for enterempno: 7654
The Details of Employee Number 7654 Requested by You Are ...
The Employee Name : Martin
The Department Number : 30, Department Name is Sales, and is Situated at
Chicago
The Designation : Salesman
The Manager Number : 7698, and his Name is : BLAKE
The Joining Date : 28, September Nineteen Eighty-One You Are Serving Us
Since :
32 Years.
The Basic Salary : INR 1,250.00 and his Grade as Per Salary is 2
The Commission Earned : INR 1,400.00
The Gross Salary Earned : INR 2,650.00

PL/SQL procedure successfully completed.

SQL> SPOOL OFF
```

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